hp deskjet 3420
color inkjet printer

data sheet

The HP Deskjet 3420 color inkjet printer offers brilliant photo-quality printing—quickly and easily—with up to 2400-dpi color from included cartridges. Get 10 pages per minute true black text and 8 pages per minute color. The compact design saves valuable space, and on-screen ink-level indicator and print-cancel save time and money. Print longer lasting prints simply, using HP's specially developed inks and papers. USB compatible with PC and Macintosh computers.

simply fast

- print up to 10 pages per minute in black
- print up to 8 pages per minute in color

brilliant photo quality

- get brilliant photo quality with up to 2400 x 1200-dpi color using premium photo papers in best mode
- perfect for all types of print projects—get excellent results on a variety of papers including plain, photo papers and transparencies
- print longer lasting photos using HP's specially developed inks and papers

true black text

- print true black text from a separate black print cartridge
- print documents quickly with two print cartridges (black and tri-color) included

space-saving design

- compact size with fold-up paper tray to fit into tight spaces

save time and money

- on-screen ink-level indicator
- on-screen print cancel

easy connection

- easy connection with USB port
- supports PC and Mac connectivity

hp deskjet 3420 printer
technical specifications

print method
drop on demand thermal inkjet printing

print quality
black: up to 600 x 600 dpi
color: up to 2400 x 1200 dpi using premium photo paper in best mode

print speed*

	draft	normal	best
black	up to 10 ppm	up to 7 ppm	up to 1.5 ppm
color	up to 3 ppm	up to 1 ppm	up to 0.5 ppm
mixed text/graphics	up to 8 ppm	up to 3.5 ppm	up to 1 ppm
color 4" x 6" photo	NA	NA	up to 0.5 ppm

vertical alignment
± 0.002 in.

skew
± 0.006 in. per in. on plain paper
± 0.010 in. per in. on transparency

media types
paper (plain, inkjet, photo), envelopes, transparencies, labels, cards, HP premium media, iron-on transfers

media sizes and weights
paper: U.S. letter (8.5 x 11), legal (8.5 x 14 in), U.S. executive (7.25 x 10.5 in) , 20 to 24 lb
cards: (3 x 5 in, 4 x 6 in, 5 x 8 in) up to 110 lb
envelopes: U.S. # 9 (3.875 x 8.875 in), U.S. # 10 (4.125 x 9.5 in), DL (4.33 x 8.66 in), C6 (4.49 x 6.38 in), A2 (4.37 x 5.75 in), 20 to 24 lb

media handling
input capacity (100-sheet input tray)
sheets: up to 100
envelopes: up to 10
cards: up to 30
labels: up to 20
transparencies: up to 30
output tray capacity: 50 sheets, 30 transparencies

memory
768 KB buffer

interface/connectivity
1 Universal Serial Bus (USB) port

printer language
LIDIL (Lightweight Imaging Device Interface Language)

power requirements
power source (input voltage): 100 – 240 VAC (+/- 10%), grounded
frequency: 50/60 Hz (+/-3%)

power consumption
8 watts average non-printing, 23 watts average when printing

operating environment
operating temperature range: 50º – 95º F (10º – 35º C)
humidity range: 15% to 80% RH, non condensing
operating range: 20% to 80% RH, non-condensing

acoustics
noise levels* per ISO 9296:

Sound Power, L_wA_d (1B=10dB)	5.8 B(A)
Sound Pressure, L_pA_m (bystander positions)	47 dB(A)

dimensions (w x d x h)/weight
16.6 x 7.2 x 5.6 in (422 x 182 x 142 mm)/4.5 lb (2.0 kg)

monthly volume
500 printed pages per month

warranty
90 days limited backed by HP customer care

minimum system requirements
CD-ROM or internet access, USB port
PC: Microsoft Windows 98, Me, Pentium® 166 MHz, 32 MB RAM, 40 MB hard disk space; Microsoft Windows 2000 Professional, Pentium 133 MHz, 64 MB RAM, 40 MB hard disk space; Windows XP, Pentium 233 MHz, 64 MB RAM, 40 MB hard disk space
Macintosh®: Mac OS 9.0 or above: 128 MB RAM; Mac OS X: 128 MB RAM

software compatibility
Microsoft Windows (98, Me, 2000 Professional, XP Home and Professional); Mac OS 9.0, X

*Dependent upon type and print mode; approximate figures. Exact speed will vary depending on the system configuration, software program, and document complexity.

ordering information

C8947C
HP deskjet 3420 printer; power cord; power supply; hp 27 black inkjet print cartridge (10 ml); hp 28 tri-color inkjet print cartridge (8 ml); Windows and Macintosh printer software on CD-ROM with additional software and internet links; Windows and Macintosh reference guide; Windows and Macintosh setup posters

replacement ink cartridges

C8727AN	HP 27 black inkjet print cartridge (10 ml)
C8728AN	HP 28 tri-color inkjet print cartridge (8 ml)

HP business communication paper and film

HP bright white inkjet paper
C5976B 250 sheets
C1824A 500 sheets

HP inkjet everyday paper
51634Y 200 sheets

HP brochure and flyer paper, glossy
C6817A 50 sheets

HP brochure and flyer paper, matte
C6955A 50 sheets

HP premium inkjet transparency film
C3828A 20 sheets
C3834A 50 sheets

HP tri-fold brochure paper, glossy
C7020A 100 sheets

HP photo papers

HP photo paper
C1846A letter size, 20 sheets
C6982A letter size, 60 sheets
C7890A 4 x 6 in. 20 sheets
C7893A 4 x 6 in. 20 sheets

HP photo-quality inkjet paper, two-sided, semi-gloss
C6983A letter size, 25 sheets

HP photo-quality inkjet paper, two-sided, matte
C7007A letter size,100 sheets

HP premium photo paper
C6039A letter size, 15 sheets
C6979A letter size, 50 sheets

HP premium plus photo paper, glossy
C6831A letter size, 20 sheets

HP premium plus photo paper, 4 x 6 in, glossy
C6944A 4 x 6 in. 20 sheets
C7024A 4 x 6 in. 60 sheets

HP premium plus photo paper, matte
C6950A letter size, 20 sheets

HP colorfast photo paper
C7013A letter size, 20 sheets

HP creative papers

HP greeting card paper, white, quarter-fold
C1812A 20 sheets/envelopes

HP matte greeting card, white, half-fold
C7018A 20 sheets/envelopes

HP glossy greeting card
C6044A 10 sheets/envelopes

HP textured greeting card paper, ivory, half-fold
C6828A 20 sheets/envelopes

HP textured greeting card paper, white, half-fold
C7019A 20 sheets/envelopes

HP iron-on T-shirt transfers
C6049A 10 sheets

accessories
C6518A USB-compliant cable (2m)

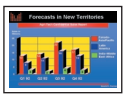
for more information

Visit us on the world wide web at **www.hp.com.**

Black text

Color: mixed text and graphics

4 x 6-in. color photo


Full-page color

*Based on ITU-T test image #1at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

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